

**Application Data Sheet****APPLICATION INFORMATION**

Application Number::

Filing Date:: 11/07/05

Application Type:: Regular

Subject Matter:: Utility

Suggested classification::

Suggested Group Art Unit::

CD-ROM or CD-R?: None

Number of CD Disks:

Number of Copies of CDs::

Sequence Submission?:

Computer Readable Form (CRF)?:

Number of Copies of CRF::

Title:: ALLOYED SEMICONDUCTOR QUANTUM DOTS  
AND CONCENTRATION-GRADIENT ALLOYED  
QUANTUM DOTS, SERIES COMPRISING THE  
SAME AND METHODS RELATED THERETO

Attorney Docket Number:: 239659

Request for Early Publication?: No

Request for Non-Publication?: No

Suggested Drawing Figure::

Total Drawing Sheets:: 11

Small Entity?: Yes

Latin Name::

Variety denomination name::

Petition Included?:

Petition Type::

Licensed US Govt. Agency:: National Institutes of Health

Contract or Grant Numbers:: R01 GM60562

Secrecy Order in Parent Appl.?: No

**APPLICANT INFORMATION**

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
Given Name:: Shuming  
Middle Name::  
Family Name:: NIE  
Name Suffix::  
City of Residence:: Atlanta  
State or Prov. of Residence:: Georgia  
Country of Residence:: US  
Street of mailing address:: 1021 Wescott Lane  
City of mailing address:: Atlanta  
State or Province of mailing address:: Georgia  
Country of mailing address:: US  
Postal or Zip Code of mailing address:: 30319

Inventor Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
Given Name:: Robert  
Middle Name:: E.  
Family Name:: Bailey  
Name Suffix::  
City of Residence:: Signal Mountain  
State or Prov. of Residence:: Tennessee  
Country of Residence:: US  
Street of mailing address:: 1304 Brockton Dr. #B  
City of mailing address:: Signal Mountain  
State or Province of mailing address:: Tennessee  
Country of mailing address:: US  
Postal or Zip Code of mailing address:: 37377

**CORRESPONDENCE INFORMATION**

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**REPRESENTATIVE INFORMATION**

Representative Customer Number:: 23460

Representative Designation::                      Registration Number::                      Representative Name::

**DOMESTIC PRIORITY INFORMATION**

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	National Stage of	PCT/US04/13119	04/28/04
PCT/US04/13119	An application	60/468,729	05/07/03
	claiming the benefit		
	under 35 USC		
	119(e) of		

**FOREIGN APPLICATION INFORMATION**

Country::                      Application Number::                      Filing Date::                      Priority Claimed

## **ASSIGNEE INFORMATION**

Assignee name:: Indiana University Research and Technology Corporation

Street of mailing address:: 351 West 10<sup>th</sup> Street

City of mailing address:: Indianapolis

State or Province of  
mailing address:: Indiana

Country of mailing  
address:: US

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